

CLAIMS

What is claim d is:

1. An electrically conductive paste fireable in a neutral or
 5 reducing atmosphere comprising (a) 30 to 71 wt % conductive powder
 being selected from the group of copper powder, nickel powder and
 copper-nickel alloy powder and (b) an inorganic binder, both dispersed in
 an inert organic medium;

wherein the organic medium comprises at least one methyl
 10 methacrylate (MMA) polymer dissolved in solvent, said methyl
 methacrylate polymer having a number-average molecular weight of at
 least 100,000 and a weight-average molecular weight of at least
 1,000,000, such that the methyl methacrylate polymer accounts for 2.0 to
 9.0 wt % of the paste.
- 15 2. The conductive paste of Claim 1 wherein the amount of the
 inorganic binder is in the range from 5 to 15 wt %, and the conductive
 powder and inorganic binder combined is in the range from 45.0 wt % to
 76 wt %.
- 20 3. The conductive paste of any one of Claims 1 or 2, wherein
 the organic medium further comprises ethyl methacrylate, butyl
 methacrylate, copolymers of acrylate compounds, or mixtures thereof.
- 25 4. The conductive paste of any one of Claims 1-3, wherein the
 inorganic binder is selected from Si-B-Ba glass, Si-B-Pb glass, Si-B-Zn
 glass, or mixtures thereof.
- 30 5. The use of the conductive paste of any one of Claims 1-4 as
 a terminal electrode composition for multilayer capacitors.
6. A method of forming a terminal electrode comprising:

 - (a) forming the conductive paste of any one of Claims 1-4;

5

- (b) coating the composition of (a) onto a terminal electrode-forming site of a multilayer capacitor; and
- (c) firing the multilayer capacitor in (b) to form a finished terminal electrode.

7. A multilayer capacitor utilizing the conductive paste of any one of Claims 1-4.